## WHAT IS CLAIMED IS:

A bioelectrical impedance measuring apparatus comprising:

a housing;

rod-like electrode members each having a plurality of electrodes and being included in the upper part of said housing;

a display device having the capability of an operator panel and lying between said electrode members; and

a weighing device included in the lower part of said housing,

wherein said housing accommodates:

current supplying device for supplying current to said electrodes;

a voltage measuring device for measuring voltage at said electrodes; and

an arithmetic means for calculating a bioelectrical impedance value from the supplied current value and the measured voltage values.

2. A bioelectrical impedance measuring apparatus according to Claim 1, wherein said electrode members are located at both side edges of said housing.

- A bioelectrical impedance measuring apparatus according to  $\operatorname{Claim} / \mathbf{1}$ , wherein said electrode members have a circular shape.
- A bioelectrical impedance measuring apparatus according to Claim 1, wherein said electrode members are shaped like horizontal rods.